

Application No. 10/090195
Page 2

Amendment
Attorney Docket No. H01.2B-10407-US01

Amendments To The Specification:

Please replace the paragraph starting on line 18 of page 2 with the following amended paragraph:

It is known to provide compression force monitoring in rotary tablet-compressing presses and to detect and single out faulty tablets depending on such monitoring. WOPCT/US86/0058 is an example of singling out and is incorporated by reference into this application in its entirety. They are singled out depending on a ram-related fault via an appropriate singling-out deflector at the table outlet. The table outlet is divided into a go-duct for faultless tablets and a rejects duct for faulty tablets.

Please replace the paragraph starting on line 28 of page 4 with the following amended paragraph:

The rotary tablet-compressing press is not shown in the description of the inventive device. It is generally known in regard to its structure and function. Referring to Fig. 1, a nozzle 10 can be seen which is placed at a point on the rotor of the tablet-compressing press in a way that it can expel an air jet to divert a tablet ejected by the lower ram into a rejects duct, which has been known per se. The nozzle 10 is connected to a line 12 leading to a pressure source as is indicated by an arrow 14. The line 12 has seated therein a controllable air-operated valve 16 which is actuated by an electromagnet 18. Upon detection of faulty tablets, a machine computer 20 as is also known per se for controlling and monitoring such a rotary tablet-compressing press and the operation of which will not be depicted in detail produces a control signal for the valve 16 via a control line 22 depending on whether faulty tablets are detected. It is understood that the control instruction is produced to open the valve 16 so that the air jet which is then produced through the nozzle 10 diverts the tablet into the rejects duct 40 at the right moment. If the tablets are not faulty, the tablets continue into the go-duct 35.

Please replace the paragraph starting on line 23 of page 5 with the following amended paragraph:

Figures 2A and 2 C make apparent the operation of the apparatus of Fig. 1 when in proper operation and when faults occur. The pulses of the control signal 22, 30 can be seen in solid lines (with the signals in Figs. A through C now being given the reference numbers of the lines).

Application No. 10/090195
Page 3

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As was mentioned they are produced by the computer 20 and are provided to the electromagnet 18 and simultaneously pass into the control logic 28. The dotted line ~~42~~ 32 in Figures 2A through 2C indicates the course of the feedback signal 32 which runs from the control logic 28 to the computer 20. The dashed line 26 indicates the sensor signal. If a control signal is produced as is shown in Fig. 2A the pressure sensor 24 will respond at a relatively short time afterwards, producing a corresponding sensor signal 26 which comes close to the zero level in the present case. Upon termination of the control signal 22, the feedback signal 32 returns to the original level. The response time to the original level again only after a certain time lag (change-back delay t_R). This will be identified as a faultless condition by the control logic 28 or the computer 20.